

Title (en)

A dye donor web loading apparatus for a thermal printer

Title (de)

Vorrichtung zum Laden des farbstoffgebenden Elementes in einem Thermodrucker

Title (fr)

Dispositif pour le chargement de l'élément donneur de colorant dans une imprimante thermique

Publication

**EP 0904946 A1 19990331 (EN)**

Application

**EP 98119087 A 19931026**

Priority

- EP 93117334 A 19931026
- US 96893192 A 19921029

Abstract (en)

A thermal printer has a dye donor supply spool with a body and first and second end portions extending from the body. First and second receptacles are positioned for matingly receiving the first and second end portions of the dye donor supply spool. The supply spool is correctly loaded only when the first and second end portions of the supply spool matingly engage the first and second receptacles, respectively. A mechanical stop prevents incorrect end for end loading of a supply spool that has an off center web wound thereon by engaging the web and preventing the end of the spool from engaging the receptacle. <IMAGE>

IPC 1-7

**B41J 17/32; B41J 17/36**

IPC 8 full level

**B41J 17/16** (2006.01); **B41J 17/24** (2006.01); **B41J 17/32** (2006.01); **B41J 17/36** (2006.01); **B65H 19/12** (2006.01)

CPC (source: EP US)

**B41J 17/16** (2013.01 - EP US); **B41J 17/32** (2013.01 - EP US); **B41J 17/36** (2013.01 - EP US)

Citation (search report)

- [X] US 4949097 A 19900814 - IMASEKI CHIHARU [JP]
- [X] US 4970531 A 19901113 - SHIMIZU HOROSHI [JP], et al
- [X] US 4768039 A 19880830 - AKUTAGAWA HIROSHI [JP], et al
- [A] EP 0435108 A2 19910703 - HITACHI LTD [JP]

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0603499 A2 19940629; EP 0603499 A3 19941130; EP 0603499 B1 19990804**; DE 69325878 D1 19990909; DE 69325878 T2 20000203; DE 69332900 D1 20030522; DE 69332900 T2 20040129; EP 0904946 A1 19990331; EP 0904946 B1 20030416; JP H06210918 A 19940802; US 5513920 A 19960507; US 5562352 A 19961008

DOCDB simple family (application)

**EP 93117334 A 19931026**; DE 69325878 T 19931026; DE 69332900 T 19931026; EP 98119087 A 19931026; JP 27010393 A 19931028; US 58450096 A 19960111; US 96893192 A 19921029